Name of Work:Restoration and Improvements of Balance Roads Ananthapura village, Prakruthi layout, Nisarga layout and surrounding areas in ward no-03 of Yelahanka New town Sub division

EMB

"FIRST AND PART BILL"

Name of Work:Restoration and Improvements of Balance Roads Ananthapura village, Prakruthi layout, Nisarga layout and surrounding areas in ward no-03 of Yelahanka New town Sub division

Detailed Measurements

Measurement Recorded On: 18-02-22, 23-02-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.						
	RCC Drain						
	Duo Marvel						
	4th Main Rd						
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	Ch: 30.00m to 51.00m	1	21.00	1.10	1.00	23.10	
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	Ch: 30.00m to 56.70m	1	26.70	1.10	1.00	29.37	
	Ch: 56.70m to 62.00m	1	5.30	1.10	1.00	5.83	
	Ch: 62.00m to 92.00m	1	30.00	1.10	1.00	33.00	
	Ch: 92.00m to 94.80m	1	2.80	1.10	1.00	3.08	
	Ch: 94.80m to 98.60m	1	3.80	1.10	1.00	4.18	
	Ch: 98.60m to 128.60m	1	30.00	1.10	1.00	33.00	
	Ch: 128.60m to 158.60m	1	30.00	1.10	1.00	33.00	
	Ch: 158.60m to 181.10m	1	22.50	1.10	1.00	24.75	
	Ch: 181.10m to 190.20m	1	9.10	1.10	1.00	10.01	
	Ch: 190.20m to 220.20m	1	30.00	1.10	1.00	33.00	
	Ch: 220.20m to 236.70m	1	16.50	1.10	1.00	18.15	
	Ch: 236.70m to 245.10m	1	8.40	1.10	1.00	9.24	
	Ch: 245.10m to 254.20m	1	9.10	1.10	1.00	10.01	
	Ch: 254.20m to 263.20m	1	9.00	1.10	1.00	9.90	
	Ch: 263.20m to 272.40m House Gap		9.20				
	Ch: 272.40m to 290.70m	1	18.30	1.10	1.00	20.13	
	Ch: 290.70m to 300.20m	1	9.50	1.10	1.00	10.45	
	Ch: 300.20m to 330.20m	1	30.00	1.10	1.00	33.00	
	Ch: 330.20m to 340.00m	1	9.80	1.10	1.00	10.78	
	5th Cross Rd						
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	Ch: 30.00m to 40.00m	1	10.00	1.10	1.00	11.00	
	Ch: 40.00m to 49.00m	1	9.00	1.10	1.00	9.90	

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 49.00m to 79.00m	1	30.00	1.10	1.00	33.00	
	Ch: 79.00m to 109.00m	1	30.00	1.10	1.00	33.00	
	Ch: 109.00m to 126.00m	1	17.00	1.10	1.00	18.70	
	Ch: 126.00m to 138.30m House Gap		12.30				
	Ch: 138.30m to 168.30m	1	30.00	1.10	1.00	33.00	
	Ch: 168.30m to 198.30m	1	30.00	1.10	1.00	33.00	
	Ch: 198.30m to 228.30m	1	30.00	1.10	1.00	33.00	
	Ch: 228.30m to 248.30m	1	20.00	1.10	1.00	22.00	
	Ch: 248.30m to 278.30m	1	30.00	1.10	1.00	33.00	
	Ch: 278.30m to 285.80m	1	7.50	1.10	1.00	8.25	
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	Ch: 30.00m to 33.00m	1	3.00	1.10	1.00	3.30	
	Ch: 33.00m to 45.20m	1	12.20	1.10	1.00	13.42	
	Ch: 45.20m to 75.20m	1	30.00	1.10	1.00	33.00	
	Ch: 75.20m to 105.20m	1	30.00	1.10	1.00	33.00	
	Ch: 105.20m to 135.20m	1	30.00	1.10	1.00	33.00	
	Ch: 135.20m to 145.10m	1	9.90	1.10	1.00	10.89	
	Ch: 145.10m to 157.70m Rd Gap		12.60				
	Ch: 157.70m to 187.70m	1	30.00	1.10	1.00	33.00	
	Ch: 187.70m to 217.70m	1	30.00	1.10	1.00	33.00	
	Ch: 217.70m to 247.70m	1	30.00	1.10	1.00	33.00	
	Ch: 247.70m to 277.70m	1	30.00	1.10	1.00	33.00	
	Ch: 277.70m to 282.70m	1	5.00	1.10	1.00	5.50	
	13th Cross Rd						
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	1.00	1.00	30.00	
	Ch: 30.00m to 60.00m	1	30.00	1.00	1.00	30.00	
	Ch: 60.00m to 90.00m	1	30.00	1.00	1.00	30.00	
	Ch: 90.00m to 101.00m	1	11.00	1.00	1.00	11.00	
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	1.00	1.00	30.00	
	Ch: 30.00m to 60.00m	1	30.00	1.00	1.00	30.00	
	Ch: 60.00m to 90.00m	1	30.00	1.00	1.00	30.00	
	Ch: 90.00m to 91.00m	1	1.00	1.00	1.00	1.00	
	4th Cross Rd						
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	Ch: 30.00m to 34.50m	1	4.50	1.10	1.00	4.95	
	3rd Cross Rd						

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Indian Veterinary Institute Rd						
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	Ch: 30.00m to 60.00m	1	30.00	1.10	1.00	33.00	
	Ch: 60.00m to 90.00m	1	30.00	1.10	1.00	33.00	
	Ch: 90.00m to 120.00m	1	30.00	1.10	1.00	33.00	
	Ch: 120.00m to 150.00m	1	30.00	1.10	1.00	33.00	
	Ch: 150.00m to 180.00m	1	30.00	1.10	1.00	33.00	
	Ch: 180.00m to 210.00m	1	30.00	1.10	1.00	33.00	
	Ch: 210.00m to 232.00m	1	22.00	1.10	1.00	24.20	
	Culverts						
	Mariyappa Layout						
		1	15.00	1.50	1.00	22.50	
		1	6.30	1.50	1.00	9.45	
	Indian Veterinary Research Insitue Rd						
		1	10.50	1.50	1.00	15.75	
		1	9.00	1.50	1.00	13.50	
	Near Vaishnavi Appartment						
		1	7.60	1.50	1.00	11.40	
		1	5.40	1.50	1.00	8.10	
	Ananthpura Village						
		1	6.20	1.50	1.00	9.30	
		1	5.30	1.50	1.00	7.95	
		1	5.80	1.50	1.00	8.70	
		1	5.30	1.50	1.00	7.95	
					Present Qty	**4892.50**	**Cum**
					Qty upto 125%	**4581.25**	**Cum**
					Qty Above 125%	**311.25**	**Cum**

Contractor

Consultant

Asst. Engineer

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Name of Work:Restoration and Improvements of Balance Roads Ananthapura village, Prakruthi layout, Nisarga layout and surrounding areas in ward no-03 of Yelahanka New town Sub division

Detailed Measurements

Measurement Recorded On: 22-02-22 , 23-02-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications.						
	RCC Drain						
	Duo Marvel						
	4th Main Rd						
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	Ch: 30.00m to 51.00m	1	21.00	1.10	0.15	3.47	
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	Ch: 30.00m to 56.70m	1	26.70	1.10	0.15	4.41	
	Ch: 56.70m to 62.00m	1	5.30	1.10	0.15	0.87	
	Ch: 62.00m to 92.00m	1	30.00	1.10	0.15	4.95	
	Ch: 92.00m to 94.80m	1	2.80	1.10	0.15	0.46	
	Ch: 94.80m to 98.60m	1	3.80	1.10	0.15	0.63	
	Ch: 98.60m to 128.60m	1	30.00	1.10	0.15	4.95	
	Ch: 128.60m to 158.60m	1	30.00	1.10	0.15	4.95	
	Ch: 158.60m to 181.10m	1	22.50	1.10	0.15	3.71	
	Ch: 181.10m to 190.20m	1	9.10	1.10	0.15	1.50	
	Ch: 190.20m to 220.20m	1	30.00	1.10	0.15	4.95	
	Ch: 220.20m to 236.70m	1	16.50	1.10	0.15	2.72	
	Ch: 236.70m to 245.10m	1	8.40	1.10	0.15	1.39	
	Ch: 245.10m to 254.20m	1	9.10	1.10	0.15	1.50	
	Ch: 254.20m to 263.20m	1	9.00	1.10	0.15	1.49	
	Ch: 263.20m to 272.40m House Gap		9.20				
	Ch: 272.40m to 290.70m	1	18.30	1.10	0.15	3.02	
	Ch: 290.70m to 300.20m	1	9.50	1.10	0.15	1.57	
	Ch: 300.20m to 330.20m	1	30.00	1.10	0.15	4.95	
	Ch: 330.20m to 340.00m	1	9.80	1.10	0.15	1.62	
	5th Cross Rd						
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 7.20m to 11.90m		4.70				
	Ch: 11.90m to 25.60m	1	13.70	1.10	0.15	2.26	
	Indian Veterinary Institute Rd						
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	Ch: 30.00m to 60.00m	1	30.00	1.10	0.15	4.95	
	Ch: 60.00m to 90.00m	1	30.00	1.10	0.15	4.95	
	Ch: 90.00m to 120.00m	1	30.00	1.10	0.15	4.95	
	Ch: 120.00m to 150.00m	1	30.00	1.10	0.15	4.95	
	Ch: 150.00m to 180.00m	1	30.00	1.10	0.15	4.95	
	Ch: 180.00m to 210.00m	1	30.00	1.10	0.15	4.95	
	Ch: 210.00m to 232.00m	1	22.00	1.10	0.15	3.63	
	Culverts						
	Mariyappa Layout						
		1	15.00	1.50	0.15	3.38	
		1	6.30	1.50	0.15	1.42	
	Indian Veterinary Research Insitue Rd						
		1	10.50	1.50	0.15	2.36	
		1	9.00	1.50	0.15	2.03	
	Near Vaishnavi Appartment						
		1	7.60	1.50	0.15	1.71	
		1	5.40	1.50	0.15	1.22	
	Ananthpura Village						
		1	6.20	1.50	0.15	1.40	
		1	5.30	1.50	0.15	1.19	
		1	5.80	1.50	0.15	1.31	
		1	5.30	1.50	0.15	1.19	
					Present Qty	**733.88**	**Cum**
					Qty upto 125%	**687.20**	**Cum**
					Qty Above 125%	**46.68**	**Cum**

Contractor

NINETECH INFRA SOLUTIONS PVT. LTD. BANGALORE 560 058

Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of Work:Restoration and Improvements of Balance Roads Ananthapura village, Prakruthi layout, Nisarga layout and surrounding areas in ward no-03 of Yelahanka New town Sub division

Detailed Measurements

Measurement Recorded On: 3-03-22, 11-03-22, 17-03-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
4	Providing and laying plain/reinforced cement concrete for side drains Wall & bottom thickness 15cm using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500,1700, 2200. including cost of materials, labour, HOM complete as per specifications.						
	RCC Drain Raft						
	Duo Marvel						
	4th Main Rd						
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	Ch: 30.00m to 51.00m	1	21.00	0.90	0.15	2.84	
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	Ch: 30.00m to 56.70m	1	26.70	0.90	0.15	3.60	
	Ch: 56.70m to 62.00m	1	5.30	0.90	0.15	0.72	
	Ch: 62.00m to 92.00m	1	30.00	0.90	0.15	4.05	
	Ch: 92.00m to 94.80m	1	2.80	0.90	0.15	0.38	
	Ch: 94.80m to 98.60m	1	3.80	0.90	0.15	0.51	
	Ch: 98.60m to 128.60m	1	30.00	0.90	0.15	4.05	
	Ch: 128.60m to 158.60m	1	30.00	0.90	0.15	4.05	
	Ch: 158.60m to 181.10m	1	22.50	0.90	0.15	3.04	
	Ch: 181.10m to 190.20m	1	9.10	0.90	0.15	1.23	
	Ch: 190.20m to 220.20m	1	30.00	0.90	0.15	4.05	
	Ch: 220.20m to 236.70m	1	16.50	0.90	0.15	2.23	
	Ch: 236.70m to 245.10m	1	8.40	0.90	0.15	1.13	
	Ch: 245.10m to 254.20m	1	9.10	0.90	0.15	1.23	
	Ch: 254.20m to 263.20m	1	9.00	0.90	0.15	1.22	
	Ch: 263.20m to 272.40m House Gap		9.20				
	Ch: 272.40m to 290.70m	1	18.30	0.90	0.15	2.47	
	Ch: 290.70m to 300.20m	1	9.50	0.90	0.15	1.28	
	Ch: 300.20m to 330.20m	1	30.00	0.90	0.15	4.05	

Contractor

Consultant

Assistant Engineer

Assistant Exec Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		2	10.50	0.23	0.40	1.93	
		2	9.00	0.23	0.45	1.86	
	Near Vaishnavi Appartment						
		2	7.60	0.23	0.45	1.57	
		2	5.40	0.23	0.40	0.99	
	Ananthpura Village						
		2	6.20	0.23	0.50	1.43	
		2	5.30	0.23	0.45	1.10	
		2	5.80	0.23	0.55	1.47	
		2	5.30	0.23	0.50	1.22	
					Present Qty	**1426.09**	**Cum**
					Qty upto 125%	**1322.18**	**Cum**
					Qty Above 125%	**103.91**	**Cum**

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engineer

Name of Work:Restoration and Improvements of Balance Roads Ananthapura village, Prakruthi layout, Nisarga layout and surrounding areas in ward no-03 of Yelahanka New town Sub division

Detailed Measurements

Measurement Recorded On: 23-02-22, 28-02-22, 3-3-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
3	Providing TMT Bars Fe 500 steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.						
	RCC Drain						
	Duo Marvel						
	4th Main Rd						
	RHS						
	Total Drain Length=51.00m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=408	408	2.10		0.61	522.65	
	No of distrubution Bars=14	14	51.00		0.61	435.54	
	LHS						
	Total Drain Length=330.80m						
	Main Bar 10mm dia @120mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=2757	2757	2.10		0.61	3531.72	
	No of distrubution Bars=14	14	330.80		0.61	2825.03	
	5th Cross Rd						
	RHS						
	Total Drain Length=273.50m						
	Main Bar 10mm dia @120mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=2279	2279	2.10		0.61	2919.40	
	No of distrubution Bars=14	14	273.50		0.61	2335.69	
	LHS						
	Total Drain Length=270.10m						
	Main Bar 10mm dia @120mm c/c						

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Total Drain Length=25.20m						
	Main Bar 10mm dia @120mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=210	210	2.10		0.61	269.01	
	No of distrubution Bars=14	14	25.20		0.61	215.21	
	RHS						
	Total Drain Length=25.60m						
	Main Bar 10mm dia @120mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=213	213	2.10		0.61	272.85	
	No of distrubution Bars=14	14	25.60		0.61	218.62	
	Indian Veterinary Institute Rd						
	RHS						
	Total Drain Length=232.00m						
	Main Bar 10mm dia @120mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=1934	1934	2.10		0.61	2477.45	
	No of distrubution Bars=14	14	232.00		0.61	1981.28	
	Culvert						
	Total Culvert Length=76.40m						
	Main Bar 12mm dia @150mm c/c						
	d=0.89kg/m, double mat						
	Distrubution Bar 10mm dia @150mm c/c						
	d=0.89kg/m, double mat						
	No of U Bars=1018	1018	2.20		0.89	1993.24	
	No of distrubution Bars=22	30	76.40		0.89	2039.88	
						86263.62	
					Present Qty	**86.26**	**Tn**
					Qty upto 125%	**81.71**	**Tn**
					Qty Above 125%	**4.55**	**Tn**

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of Work:Restoration and Improvements of Balance Roads Ananthapura village, Prakruthi layout, Nisarga layout and surrounding areas in ward no-03 of Yelahanka New town Sub division

Detailed Measurements

Measurement Recorded On: 19-02-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
11	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by mechanical means attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM complete as per specifications.						
	Asphalt Road						
	Rangondanahalli						
	Main Rd to Indian Veterinary Institute						
	Ch: 0.00m to 30.00m	1	30.00	(8.30 + 10.90)/2		288.00	
	Ch: 30.00m to 60.00m	1	30.00	(10.90 + 8.10)/2		285.00	
	Ch: 60.00m to 90.00m	1	30.00	(8.10 + 9.50)/2		264.00	
	Ch: 90.00m to 120.00m	1	30.00	(9.50 + 9.20)/2		280.50	
	Ch: 120.00m to 150.00m	1	30.00	(9.20 + 8.20)/2		261.00	
	Ch: 150.00m to 180.00m	1	30.00	(8.20 + 7.80)/2		240.00	
	Ch: 180.00m to 210.00m	1	30.00	(7.80 + 9.10)/2		253.50	
	Ch: 210.00m to 240.00m	1	30.00	(9.10 + 8.90)/2		270.00	
	Ch: 240.00m to 270.00m	1	30.00	(8.90 + 9.00)/2		268.50	
	Ch: 270.00m to 298.60m	1	28.60	(9.00 + 9.60)/2		265.98	
	Ch: 298.60m to 328.60m	1	30.00	(12.00 + 11.10)/2		346.50	
	Ch: 328.60m to 358.60m	1	30.00	(11.10 + 10.00)/2		316.50	
	Ch: 358.60m to 388.60m	1	30.00	(10.00 + 9.00)/2		285.00	

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 240.00m to 270.00m	1	30.00	(8.90 + 9.00)/2	0.05	13.43	
	Ch: 270.00m to 298.60m	1	28.60	(9.00 + 9.60)/2	0.05	13.30	
	Ch: 298.60m to 328.60m	1	30.00	(12.00 + 11.10)/2	0.08	27.72	
	Ch: 328.60m to 358.60m	1	30.00	(11.10 + 10.00)/2	0.08	25.32	
	Ch: 358.60m to 388.60m	1	30.00	(10.00 + 9.00)/2	0.08	22.80	
	Ch: 388.60m to 418.60m	1	30.00	(9.00 + 9.35)/2	0.08	22.02	
	Ch: 418.60m to 448.60m	1	30.00	(9.35 + 7.70)/2	0.05	12.79	
	Ch: 448.60m to 478.60m	1	30.00	(7.70 + 7.70)/2	0.05	11.55	
	Ch: 478.60m to 508.60m	1	30.00	(7.70 + 9.80)/2	0.05	13.13	
	Ch: 508.60m to 538.60m	1	30.00	(12.00 + 8.00)/2	0.08	24.00	
	Ch: 538.60m to 568.60m	1	30.00	(8.00 + 8.30)/2	0.08	19.56	
	Ch: 568.60m to 587.60m	1	19.00	(8.30 + 11.80)/2	0.08	15.28	
	Infront Of Factory Gate						
	Ch: 0.00m to 11.30m	1	11.30	(17.70 + 7.60)/2	0.05	7.15	
					Present Qty	**390.97**	**Sqm**

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಮಲ್ಲೇಶ್ವರಂ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೧೦೦

Contractor

Consultant

Assistant Engineer

ಸಹಾಯಕ Assistant Exec. Engineer
ಮಲ್ಲೇಶ್ವರಂ ಉಪವಿಭಾಗ,

Name of Work:Restoration and Improvements of Balance Roads Ananthapura village, Prakruthi layout, Nisarga layout and surrounding areas in ward no-03 of Yelahanka New town Sub division

Detailed Measurements

Measurement Recorded On: 18-02-22 , 21-02-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
13	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications						
	Asphalt Road						
	Prakruthi Layout						
	1st Cross Rd						
	Ch: 0.00m to 3.80m	1	3.80	(8.80 + 8.80)/2	0.30	10.03	
	Ch: 3.80m to 5.00m Culvert Gap		1.20				
	Ch: 5.00m to 35.00m	1	30.00	(8.00 + 6.70)/2	0.30	66.15	
	Ch: 35.00m to 56.20m	1	21.20	(6.70 + 6.70)/2	0.30	42.61	
	Cross Rd-1						
	Ch: 0.00m to 19.00m	1	19.00	(5.90 + 6.00)/2	0.30	33.92	
	Cross Rd-2						
	Ch: 0.00m to 23.00m	1	23.00	(6.60 + 6.80)/2	0.30	46.23	
	Ch: 23.00m to 24.20m Culvert Gap		1.20				
	Ch: 24.20m to 54.20m	1	30.00	(6.60 + 6.80)/2	0.30	60.30	
	Ch: 54.20m to 84.20m	1	30.00	(6.80 + 6.40)/2	0.30	59.40	
	Ch: 84.20m to 114.20m	1	30.00	(6.40 + 6.90)/2	0.30	59.85	
	Ch: 114.20m to 144.00m	1	29.80	(6.90 + 6.10)/2	0.30	58.11	
	Cross Rd-3						
	Ch: 0.00m to 10.30m	1	10.30	(6.80 + 6.80)/2	0.30	21.01	
	Ch: 10.30m to 13.30m	1	3.00	(2.70 + 2.70)/2	0.30	2.43	

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engineer

Item No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	Ch: 287.80m to 317.80m	1	30.00	1.40	+	1.30 / 2	0.15	6.08	
	Ch: 317.80m to 347.80m	1	30.00	1.30	+	1.60 / 2	0.15	6.53	
	Ch: 347.80m to 353.40m	1	5.60	1.60	+	1.50 / 2	0.15	1.30	
	Ch: 353.40m to 383.40m	1	30.00	1.50	+	1.30 / 2	0.15	6.30	
	Ch: 383.40m to 413.40m	1	30.00	1.30	+	1.40 / 2	0.15	6.08	
	Ch: 413.40m to 422.40m	1	9.00	1.40	+	1.60 / 2	0.15	2.03	
	Ch: 422.40m to 452.40m	1	30.00	1.60	+	1.20 / 2	0.15	6.30	
	Ch: 452.40m to 482.40m	1	30.00	1.20	+	1.40 / 2	0.15	5.85	
	Ch: 482.40m to 497.90m	1	15.50	1.40	+	1.60 / 2	0.15	3.49	
	Deduct for Manholes	-35	1.20	1.20			0.15	-7.56	
							Present Qty	3979.20	Cum

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪವಿಭಾಗ,
ಬಿ.ಡಿ.ಎ.ಬಿ. ಬೆಂಗಳೂರು-106

Contractor

Consultant

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
Assistant Exec. Engineer

Name of Work:Restoration and Improvements of Balance Roads Ananthapura village, Prakruthi layout, Nisarga layout and surrounding areas in ward no-03 of Yelahanka New town Sub division

Detailed Measurements

Measurement Recorded On: 22-02-22 , 2-03-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
18	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications						
	Asphalt Road						
	Prakruthi Layout						
	1st Cross Rd						
	Ch: 0.00m to 3.80m	1	3.80	(8.80 + 8.80)/2	0.15	5.02	
	Ch: 3.80m to 5.00m Culvert Gap		1.20				
	Ch: 5.00m to 35.00m	1	30.00	(8.00 + 6.70)/2	0.15	33.08	
	Ch: 35.00m to 56.20m	1	21.20	(6.70 + 6.70)/2	0.15	21.31	
	Cross Rd-1						
	Ch: 0.00m to 19.00m	1	19.00	(5.90 + 6.00)/2	0.15	16.96	
	Cross Rd-2						
	Ch: 0.00m to 23.00m	1	23.00	(6.60 + 6.80)/2	0.15	23.12	
	Ch: 23.00m to 24.20m Culvert Gap		1.20				
	Ch: 24.20m to 54.20m	1	30.00	(6.60 + 6.80)/2	0.15	30.15	
	Ch: 54.20m to 84.20m	1	30.00	(6.80 + 6.40)/2	0.15	29.70	
	Ch: 84.20m to 114.20m	1	30.00	(6.40 + 6.90)/2	0.15	29.93	
	Ch: 114.20m to 144.00m	1	29.80	(6.90 + 6.10)/2	0.15	29.06	
	Cross Rd-3						

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Item No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	Ch: 413.40m to 422.40m	1	9.00	1.40	+	1.60	0.15	2.03	
					2				
	Ch: 422.40m to 452.40m	1	30.00	1.60	+	1.20	0.15	6.30	
					2				
	Ch: 452.40m to 482.40m	1	30.00	1.20	+	1.40	0.15	5.85	
					2				
	Ch: 482.40m to 497.90m	1	15.50	1.40	+	1.60	0.15	3.49	
					2				
	Deduct for Manholes	-35	1.20	1.20			0.15	-7.56	
							Present Qty	2933.01	Cum

ಕರ್ನಾಟಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಮಲಪ್ಪಾಡಿ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಪಿ.ಡಬ್ಲ್ಯು.ಡಿ, ಬೆಂಗಳೂರು-106

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engineer

Name of Work:Restoration and Improvements of Balance Roads Ananthapura village, Prakruthi layout, Nisarga layout and surrounding areas in ward no-03 of Yelahanka New town Sub division

Detailed Measurements

Measurement Recorded On: 03-03-22 , 08-03-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
19	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.						
	Asphalt Road						
	Prakruthi Layout						
	1st Cross Rd						
	Ch: 0.00m to 3.80m	1	3.80	(8.80 + 8.80)/2	0.20	6.69	
	Ch: 3.80m to 5.00m Culvert Gap		1.20				
	Ch: 5.00m to 35.00m	1	30.00	(8.00 + 6.70)/2	0.20	44.10	
	Ch: 35.00m to 56.20m	1	21.20	(6.70 + 6.70)/2	0.20	28.41	
	Cross Rd-1						
	Ch: 0.00m to 19.00m	1	19.00	(5.90 + 6.00)/2	0.20	22.61	
	Cross Rd-2						
	Ch: 0.00m to 23.00m	1	23.00	(6.60 + 6.80)/2	0.20	30.82	
	Ch: 23.00m to 24.20m Culvert Gap		1.20				
	Ch: 24.20m to 54.20m	1	30.00	(6.60 + 6.80)/2	0.20	40.20	
	Ch: 54.20m to 84.20m	1	30.00	(6.80 + 6.40)/2	0.20	39.60	
	Ch: 84.20m to 114.20m	1	30.00	(6.40 + 6.90)/2	0.20	39.90	
	Ch: 114.20m to 144.00m	1	29.80	(6.90 + 6.10)/2	0.20	38.74	
	Cross Rd-3						

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 413.40m to 422.40m	1	9.00	(1.40 + 1.60) / 2	0.20	2.70	
	Ch: 422.40m to 452.40m	1	30.00	(1.60 + 1.20) / 2	0.20	8.40	
	Ch: 452.40m to 482.40m	1	30.00	(1.20 + 1.40) / 2	0.20	7.80	
	Ch: 482.40m to 497.90m	1	15.50	(1.40 + 1.60) / 2	0.20	4.65	
	Deduct for Manholes	-35	1.20	1.20	0.20	10.08	
					Present Qty	3910.68	Cum

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬೆ.ಎಂ.ಆರ್.ಡಿ.ಎ.-೫೯

Contractor

Consultant

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ Assistant Exec. Engineer
ಬೆ.ಎಂ.ಆರ್.ಡಿ.ಎ.-೫೯

Name of Work:Restoration and Improvements of Balance Roads Ananthapura village, Prakruthi layout, Nisarga layout and surrounding areas in ward no-03 of Yelahanka New town Sub division

Detailed Measurements

Measurement Recorded On: 10-03-22, 21-03-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
20	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.						
	Asphalt Road						
	Prakruthi Layout						
	1st Cross Rd						
	Ch: 0.00m to 3.80m	1	3.80	(8.80 + 8.80) / 2		33.44	
	Ch: 3.80m to 5.00m Culvert Gap		1.20				
	Ch: 5.00m to 35.00m	1	30.00	(8.00 + 6.70) / 2		220.50	
	Ch: 35.00m to 56.20m	1	21.20	(6.70 + 6.70) / 2		142.04	
	Cross Rd-1						
	Ch: 0.00m to 19.00m	1	19.00	(5.90 + 6.00) / 2		113.05	
	Cross Rd-2						
	Ch: 0.00m to 23.00m	1	23.00	(6.60 + 6.80) / 2		154.10	
	Ch: 23.00m to 24.20m Culvert Gap		1.20				
	Ch: 24.20m to 54.20m	1	30.00	(6.60 + 6.80) / 2		201.00	
	Ch: 54.20m to 84.20m	1	30.00	(6.80 + 6.40) / 2		198.00	
	Ch: 84.20m to 114.20m	1	30.00	(6.40 + 6.90) / 2		199.50	
	Ch: 114.20m to 144.00m	1	29.80	(6.90 + 6.10) / 2		193.70	
	Cross Rd-3						
	Ch: 0.00m to 10.30m	1	10.30	(6.80 + 6.80) / 2		70.04	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗ.
ಬ.ಜ.ಎ.ಪ. ಬೆಂಗಳೂರು-೧೦೯

Contractor

Consultant

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗ.
ಬ.ಜ.ಎ.ಪ. ಬೆಂಗಳೂರು-೧೦೯
Assistant Exec. Engineer

Item No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	Ch: 452.40m to 482.40m	1	30.00	1.20	+	1.40		39.00	
				2					
	Ch: 482.40m to 497.90m	1	15.50	1.40	+	1.60		23.25	
				2					
	Deduct for Manholes	-35	1.20	1.20				-50.40	
							Present Qty	12568.22	Sqm

ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಡಿ.ಎ.ಪ್ರಾ. ಬೆಂಗಳೂರು-10

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engineer

Name of Work:Restoration and Improvements of Balance Roads Ananthapura village, Prakruthi layout, Nisarga layout and surrounding areas in ward no-03 of Yelahanka New town Sub division

Detailed Measurements

Measurement Recorded On: 11-03-22, 22-03-22.

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
21	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading; premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and ialignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision do - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen						
	Asphalt Road						
	Prakruthi Layout						
	1st Cross Rd						
	Ch: 0.00m to 3.80m	1	3.80	(8.80 + 8.80)/2	0.05	1.67	
	Ch: 3.80m to 5.00m Culvert Gap		1.20				
	Ch: 5.00m to 35.00m	1	30.00	(8.00 + 6.70)/2	0.05	11.03	
	Ch: 35.00m to 56.20m	1	21.20	(6.70 + 6.70)/2	0.05	7.10	
	Cross Rd-1						
	Ch: 0.00m to 19.00m	1	19.00	(5.90 + 6.00)/2	0.05	5.65	
	Cross Rd-2						
	Ch: 0.00m to 23.00m	1	23.00	(6.60 + 6.80)/2	0.05	7.71	
	Ch: 23.00m to 24.20m Culvert Gap		1.20				
	Ch: 24.20m to 54.20m	1	30.00	(6.60 + 6.80)/2	0.05	10.05	
	Ch: 54.20m to 84.20m	1	30.00	(6.80 + 6.40)/2	0.05	9.90	
	Ch: 84.20m to 114.20m	1	30.00	(6.40 + 6.90)/2	0.05	9.98	

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engineer

Item No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	Ch: 482.40m to 497.90m	1	15.50	14.00	+	12.50	0.05	10.27	
				2					
	Deduct for Manholes	-35	1.20	1.20			0.05	-2.52	
							Present Qty	848.77	Cum

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engineer

Name of Work:Restoration and Improvements of Balance Roads Ananthapura village, Prakruthi layout, Nisarga layout and surrounding areas in ward no-03 of Yelahanka New town Sub division

MEASUREMENT SHEETS

"FIRST AND PART BILL"

Name of Work:Restoration and Improvements of Balance Roads Ananthapura village, Prakruthi layout, Nisarga layout and surrounding areas in ward no-03 of Yelahanka New town Sub division

Item No	Detailed Measurements: Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.								
	Vide Premeasurement page no.					4892.50			
	Present Qty					**4892.50**	**Cum**		
	Qty upto 125%					**4581.25**	**Cum**	**217.43**	**996101.19**
	Qty Above 125%					**311.25**	**Cum**	**217.43**	**67675.09**
2	Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, machine mixed, concrete laid in layers not								
	Vide Premeasurement page no.					733.88			
	Present Qty					**733.88**	**Cum**		
	Qty upto 125%					**687.20**	**Cum**	**5675.99**	**3900540.33**
	Qty Above 125%					**46.68**	**Cum**	**5675.99**	**264926.83**
3	Providing TMT Bars Fe 500 steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever								
	Vide Premeasurement page no.					86.26			
	Present Qty					**86.26**	**Ton**		
	Qty upto 125%					**81.71**	**Ton**	**80948.07**	**6614266.80**
	Qty Above 125%					**4.55**	**Ton**	**80948.07**	**368606.47**
4	Providing and laying plain/reinforced cement concrete for side drains Wall & bottom thickness 15cm using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum								
	Vide Premeasurement page no.					1426.09			
	Present Qty					**1426.09**	**Cum**		
	Qty upto 125%					**1322.18**	**Cum**	**7497.22**	**9912674.34**
	Qty Above 125%					**103.91**	**Cum**	**7497.22**	**779024.13**
7	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal Coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms.								
	Vide Premeasurement page no.					505.68			
	Present Qty					**505.68**	**Cum**		
	Qty upto 125%					**247.00**	**Cum**	**6089.86**	**1504195.42**
	Qty Above 125%					**258.68**	**Cum**	**6089.86**	**1575324.98**
11	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by mechanical means attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM complete as per								
	Vide Premeasurement page no.					5527.38			
	Present Qty					**5527.38**	**Sqm**	**41.75**	**230767.91**
	Leading charges for Scarified quantity								
	Vide Premeasurement page no.					442.19			
	Present Qty					**442.19**	**Cum**	**21.93**	**9697.23**

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
13	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of								
	Vide Premeasurement page no.					3979.20			
					Present Qty	**3979.20**	**Cum**	**64.58**	**256976.88**
15	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per								
	Vide Premeasurement page no.					17978.98			
					Present Qty	**17978.98**	**Sqm**	**6.42**	**115425.05**
18	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site,								
	Vide Premeasurement page no.					2933.01			
					Present Qty	**2933.01**	**Cum**	**2014.87**	**5909629.33**
19	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in								
	Vide Premeasurement page no.					3910.68			
					Present Qty	**3910.68**	**Cum**	**2021.29**	**7904612.31**
20	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.								
	Vide Premeasurement page no.					12568.22			
					Present Qty	**12568.22**	**Sqm**	**34.26**	**430587.05**
21	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading; premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and ialignment, rolling with								
	Vide Premeasurement page no.					848.77			
					Present Qty	**848.77**	**Cum**	**7365.73**	**6251783.03**
22	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM								
	Vide Premeasurement page no.					22956.84			
					Present Qty	**22956.84**	**Sqm**	**12.85**	**294995.39**

Contractor

Consultant

Assistant Engineer

ಸಹಾಯಕ ಇಂಜಿನಿಯರ್ ಅಧಿಕಾರಿಯವರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೧೦೯

Name of Work:Restoration and Improvements of Balance Roads Ananthapura village, Prakruthi layout, Nisarga layout and surrounding areas in ward no-03 of Yelahanka New town Sub division

Detailed Measurements

Measurement Recorded On: 25-03-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
5	Supplying and fixing precast reinforced concrete slab 10 cm thick of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mm C/c both ways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and								
	RCC Drain Covering Slab								
	Duo Marvel								
	4th Main Rd								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 51.00m	1	21.00	0.90		18.90			
	LHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 56.70m	1	26.70	0.90		24.03			
	Ch: 56.70m to 62.00m		5.30						
	Ch: 62.00m to 92.00m	1	30.00	0.90		27.00			
	Ch: 92.00m to 94.80m	1	2.80	0.90		2.52			
	Ch: 94.80m to 98.60m		3.80						
	Ch: 98.60m to 128.60m	1	30.00	0.90		27.00			
	Ch: 128.60m to 158.60m	1	30.00	0.90		27.00			
	Ch: 158.60m to 181.10m	1	22.50	0.90		20.25			
	Ch: 181.10m to 190.20m		9.10						
	Ch: 190.20m to 220.20m	1	30.00	0.90		27.00			
	Ch: 220.20m to 236.70m	1	16.50	0.90		14.85			
	Ch: 236.70m to 245.10m		8.40						
	Ch: 245.10m to 254.20m	1	9.10	0.90		8.19			
	Ch: 254.20m to 263.20m	1	9.00	0.90		8.10			
	Ch: 263.20m to 272.40m House Gap		9.20						
	Ch: 272.40m to 290.70m	1	18.30	0.90		16.47			
	Ch: 290.70m to 300.20m		9.50						
	Ch: 300.20m to 330.20m	1	30.00	0.90		27.00			
	Ch: 330.20m to 340.00m	1	9.80	0.90		8.82			
	5th Cross Rd								
	RHS								

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 40.00m	1	10.00	0.90		9.00			
	Ch: 40.00m to 49.00m		9.00						
	Ch: 49.00m to 79.00m	1	30.00	0.90		27.00			
	Ch: 79.00m to 109.00m	1	30.00	0.90		27.00			
	Ch: 109.00m to 126.00m	1	17.00	0.90		15.30			
	Ch: 126.00m to 138.30m House Gap		12.30						
	Ch: 138.30m to 168.30m	1	30.00	0.90		27.00			
	Ch: 168.30m to 198.30m	1	30.00	0.90		27.00			
	Ch: 198.30m to 228.30m	1	30.00	0.90		27.00			
	Ch: 228.30m to 248.30m	1	20.00	0.90		18.00			
	Ch: 248.30m to 278.30m		30.00						
	Ch: 278.30m to 285.80m		7.50						
	LHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 33.00m	1	3.00	0.90		2.70			
	Ch: 33.00m to 45.20m		12.20						
	Ch: 45.20m to 75.20m	1	30.00	0.90		27.00			
	Ch: 75.20m to 105.20m	1	30.00	0.90		27.00			
	Ch: 105.20m to 135.20m	1	30.00	0.90		27.00			
	Ch: 135.20m to 145.10m	1	9.90	0.90		8.91			
	Ch: 145.10m to 157.70m Rd Gap		12.60						
	Ch: 157.70m to 187.70m	1	30.00	0.90		27.00			
	Ch: 187.70m to 217.70m	1	30.00	0.90		27.00			
	Ch: 217.70m to 247.70m	1	30.00	0.90		27.00			
	Ch: 247.70m to 277.70m	1	30.00	0.90		27.00			
	Ch: 277.70m to 282.70m	1	5.00	0.90		4.50			
	13th Cross Rd								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00	0.75		22.50			
	Ch: 30.00m to 60.00m	1	30.00	0.75		22.50			
	Ch: 60.00m to 90.00m	1	30.00	0.75		22.50			
	Ch: 90.00m to 101.00m	1	11.00	0.75		8.25			
	RHS								
	Ch: 0.00m to 30.00m	1	30.00	0.75		22.50			
	Ch: 30.00m to 60.00m	1	30.00	0.75		22.50			
	Ch: 60.00m to 90.00m	1	30.00	0.75		22.50			

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಡಿ.ಎ. ಬೆಂಗಳೂರು-೫೬

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 90.00m to 91.00m	1	1.00	0.75		0.75			
	4th Cross Rd								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 34.50m	1	4.50	0.90		4.05			
	3rd Cross Rd								
	RHS								
	Ch: 0.00m to 19.40m	1	19.40	0.90		17.46			
	Ch: 19.40m to 29.00m House Gap		9.60						
	Ch: 29.00m to 59.00m	1	30.00	0.90		27.00			
	Ch: 59.00m to 74.70m	1	15.70	0.90		14.13			
	Ch: 74.70m to 93.10m		18.40						
	Ch: 93.10m to 111.20m	1	18.10	0.90		16.29			
	Ch: 111.20m to 116.20m		5.00						
	Ch: 116.20m to 120.20m Gap		4.00	0.90		0.00			
	Ch: 120.20m to 137.60m	1	17.40	0.90		15.66			
	1st Main 4th Cross Rd								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 39.00m	1	9.00	0.90		8.10			
	Mangoliya Layout								
	1st Cross Rd from end								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 60.00m	1	30.00	0.90		27.00			
	Ch: 60.00m to 79.00m	1	19.00	0.90		17.10			
	Ch: 79.00m to 92.00m		13.00						
	Ch: 92.00m to 119.00m	1	27.00	0.90		24.30			
	Ch: 119.00m to 128.20m		9.20						
	Ch: 128.20m to 158.20m	1	30.00	0.90		27.00			
	Ch: 158.20m to 186.90m	1	28.70	0.90		25.83			
	Main Rd								
	RHS								
	Ch: 0.00m to 29.20m	1	29.20	0.90		26.28			
	Ch: 29.20m to 35.90m Rd Gap		6.70						
	Ch: 35.90m to 60.70m	1	24.80	0.90		22.32			

Executive Engineer
Bangalore Mahanagara Palike
Rajarajeshwari Nagar Division

C & R Cell

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ರಾಜರಾಜೇಶ್ವರಿ ನಗರ ಉಪವಿಭಾಗ,
ಪಾ.ಆ.ಪಾ. ಬೆಂಗಳೂರು-98

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 30.00m to 34.00m	1	4.00	0.90		3.60			
	Ch: 34.00m to 45.10m		11.10						
	2nd Cross Rd								
	LHS								
	Ch: 0.00m to 7.10m	1	7.10	0.90		6.39			
	Ch: 7.10m to 13.30m		6.20						
	Ch: 13.30m to 19.30m	1	6.00	0.90		5.40			
	Ch: 19.30m to 49.30m		30.00						
	Ch: 49.30m to 64.70m		15.40						
	Ch: 64.70m to 77.00m	1	12.30	0.90		11.07			
	Ch: 77.00m to 105.80m		28.80						
	RHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 47.00m	1	17.00	0.90		15.30			
	Ch: 47.00m to 71.20m		24.20						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಡಿ.ಎ.ಪಿ. ಬೆಂಗಳೂರು-೬೪

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engineer

Name of Work:Restoration and Improvements of Balance Roads Ananthapura village, Prakruthi layout, Nisarga layout and surrounding areas in ward no-03 of Yelahanka New town Sub division

Detailed Measurements

Measurement Recorded On: 25-03-22.

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
8	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation								
	For Kerb								
	Prakruthi Layout								
	Cross Rd-5								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 62.30m	1	2.30			2.30			
	LHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 77.70m	1	17.70			17.70			
	Cross Rd-6 from end								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 47.20m	1	17.20			17.20			
	Ch: 47.20m to 64.70m Gap		17.50						
	Ch: 64.70m to 91.70m	1	27.00			27.00			
	Ch: 91.70m to 128.70m Gap		37.00						
	Ch: 128.70m to 149.30m	1	20.60			20.60			
	Ch: 149.30m to 152.50m Gap		3.20						
	Ch: 152.50m to 182.50m	1	30.00			30.00			
	Ch: 182.50m to 212.50m	1	30.00			30.00			
	Ch: 212.50m to 233.00m	1	20.50			20.50			
	LHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 90.00m	1	30.00			30.00			

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 90.00m to 120.00m	1	30.00			30.00			
	Ch: 120.00m to 150.00m	1	30.00			30.00			
	Ch: 150.00m to 180.00m	1	30.00			30.00			
	Ch: 180.00m to 183.40m	1	3.40			3.40			
	Ch: 183.40m to 208.50m	1	25.10			25.10			
	Ch: 208.50m to 218.90m Gap		10.40						
	Ch: 218.90m to 226.60m	1	7.70			7.70			
	Cross Rd-7								
	Ch: 0.00m to 15.20m Gap		15.20						
	Ch: 15.20m to 45.20m	1	30.00			30.00			
	Ch: 45.20m to 50.60m	1	5.40			5.40			
	Cross Rd-8								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 69.00m	1	9.00			9.00			
	RHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 64.00m	1	4.00			4.00			
	Cross Rd-10								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 90.00m	1	30.00			30.00			
	Ch: 90.00m to 92.00m	1	2.00			2.00			
	RHS								
	Ch: 0.00m to 20.90m	1	20.90			20.90			
	Ch: 20.90m to 30.00m Gap		9.10						
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 90.00m	1	30.00			30.00			
	Ch: 90.00m to 92.00m	1	2.00			2.00			
	Cross Rd-11								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 33.40m	1	3.40			3.40			

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 33.40m to 40.70m Gap		7.30						
	Ch: 40.70m to 70.70m	1	30.00			30.00			
	Ch: 70.70m to 87.70m	1	17.00			17.00			
	LHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 34.70m	1	4.70			4.70			
	Cross Rd-12								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 90.00m	1	30.00			30.00			
	Ch: 90.00m to 120.00m	1	30.00			30.00			
	Ch: 120.00m to 150.00m	1	30.00			30.00			
	Ch: 150.00m to 180.00m	1	30.00			30.00			
	Ch: 180.00m to 181.00m	1	1.00			1.00			
	LHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 52.00m	1	22.00			22.00			
	Ch: 52.00m to 58.00m Rd Gap		6.00						
	Ch: 58.00m to 88.00m	1	30.00			30.00			
	Ch: 88.00m to 100.00m	1	12.00			12.00			
	Ch: 100.00m to 109.00m Rd Gap		9.00						
	Ch: 109.00m to 139.00m	1	30.00			30.00			
	Ch: 139.00m to 169.00m	1	30.00			30.00			
	Ch: 169.00m to 176.00m	1	7.00			7.00			
	Cross Rd-14								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 36.30m	1	6.30			6.30			
	LHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 36.30m	1	6.30			6.30			
	Andra Layout								
	1st Cross Rd								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			

Contractor

Consultant

Assistant Engineer

ಕರ್ನಾಟಕ ಸಾರ್ವಜನಿಕ ಕಛೇರಿಗಳ
ಮೇಲ್ವಿಚಾರಣೆ ಮತ್ತು ಸುಧಾರಣೆ
ಕ್ರಮಗಳ ಅನುಷ್ಠಾನ ಅಧಿನಿಯಮ, ೨೦೦೫
ಕಲಂ ೪ರ ಅನ್ವಯ ಸಾರ್ವಜನಿಕರಿಗೆ ತಿಳಿಯತಕ್ಕದ್ದು
ಮಾಹಿತಿ ಅಧಿಕಾರಿಗಳ ಅನುಷ್ಠಾನ
ಕ ಪ್ರ.ಸ.ಅ. ಕೆಂಗೇರಿ ಉ.ಪ-೧೦೯

Assistant Executive Engineer,
ಕ ಪ್ರ.ಸ.ಅ. ಕೆಂಗೇರಿ ಉ.ಪ-೧೦೯

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 88.30m to 108.60m	1	20.30			20.30			
	Main Rd								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 90.00m	1	30.00			30.00			
	Ch: 90.00m to 100.00m	1	10.00			10.00			
	For Shoulder Drain	30	1.40			42.00			
		30	1.00			30.00			
		10	0.60			6.00			
	Deduct for Trees	-1	12.00			-12.00			
						5930.20	m		
					Present Qty	13179.00	Nos		
					Qty upto 125%	12334.00	Nos	436.80	5387491.20
					Qty Above 125%	845.00	Nos	436.80	369096.00

Contractor

Consultant

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಮಲ್ಲೇಶ್ವರಂ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೧೨

Assistant Exec. Engineer

Name of Work:Restoration and Improvements of Balance Roads Ananthapura village, Prakruthi layout, Nisarga layout and surrounding areas in ward no-03 of Yelahanka New town Sub division

Detailed Measurements

Measurement Recorded On: 25-03-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
10	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM complete as per specifications.								
	For Footpath								
	Duo Marvwel								
	4th Main Rd								
	RHS								
	Ch: 0.00m to 16.80m	1	16.80	1.20		20.16			
	Ch: 16.80m to 18.90m Bench Gap		2.10						
	Ch: 18.90m to 34.50m	1	15.60	1.20		18.72			
	Ch: 34.50m to 37.10m Bench Gap		2.60						
	Ch: 37.10m to 56.00m	1	18.90	1.20		22.68			
	Ch: 56.00m to 61.40m House Gap		5.40						
	Ch: 61.40m to 78.10m	1	16.70	1.20		20.04			
	Ch: 78.10m to 94.00m		15.90						
	Ch: 94.00m to 97.90m House Gap		3.90						
	Ch: 97.90m to 127.90m	1	30.00	1.25		37.50			
	Ch: 127.90m to 157.90m	1	30.00	1.30		39.00			
	Ch: 157.90m to 180.40m	1	22.50	1.25		28.13			
	Ch: 180.40m to 189.50m House Gap		9.10						
	Ch: 189.50m to 219.50m	1	30.00	1.20		36.00			
	Ch: 219.50m to 235.30m	1	15.80	1.30		20.54			
	Ch: 235.30m to 244.60m House Gap		9.30						
	Ch: 244.60m to 253.40m	1	8.80	1.20		10.56			
	Ch: 253.40m to 271.70m House Gap		18.30						
	Ch: 271.70m to 289.80m	1	18.10	1.20		21.72			

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 289.80m to 299.00m House Gap		9.20						
	Ch: 299.00m to 329.00m	1	30.00	1.20		36.00			
	Ch: 329.00m to 338.40m	1	9.40	1.30		12.22			
	LHS								
	Ch: 0.00m to 30.00m	1	30.00	1.25		37.50			
	Ch: 30.00m to 37.00m	1	7.00	1.20		8.40			
	Ch: 37.00m to 61.50m Gap		24.50						
	Ch: 61.50m to 78.30m	1	16.80	1.10		18.48			
	Ch: 78.30m to 90.40m Gap		12.10						
	Ch: 90.40m to 99.30m	1	8.90	1.10		9.79			
	Ch: 99.30m to 129.30m Gap		30.00						
	Ch: 129.30m to 145.90m	1	16.60	1.10		18.26			
	Ch: 145.90m to 168.10m Gap		22.20						
	Ch: 168.10m to 173.10m	1	5.00	1.10		5.50			
	Ch: 173.10m to 187.20m Gap		14.10						
	Ch: 187.20m to 212.80m	1	25.60	1.10		28.16			
	Ch: 212.80m to 221.20m Gap		8.40						
	Ch: 221.20m to 246.50m	1	25.30	1.10		27.83			
	Ch: 246.50m to 253.90m Gap		7.40						
	Ch: 253.90m to 279.90m	1	26.00	1.20		31.20			
	Ch: 279.90m to 288.30m Gap		8.40						
	Ch: 288.30m to 308.00m	1	19.70	1.20		23.64			
	Ch: 308.00m to 310.00m Bench Gap		2.00						
	Ch: 310.00m to 319.80m	1	9.80	1.20		11.76			
	Ch: 319.80m to 322.00m Bench Gap		2.20						
	Ch: 322.00m to 339.60m	1	17.60	1.20		21.12			
	5th Cross Rd								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00	1.20		36.00			
	Ch: 30.00m to 40.30m	1	10.30	1.20		12.36			
	Ch: 40.30m to 49.40m House Gap		9.10						
	Ch: 49.40m to 79.40m	1	30.00	1.20		36.00			

Executive Engineer

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 79.40m to 109.40m	1	30.00	1.20		36.00			
	Ch: 109.40m to 126.40m	1	17.00	1.20		20.40			
	Ch: 126.40m to 138.70m House Gap		12.30						
	Ch: 138.70m to 168.70m	1	30.00	1.20		36.00			
	Ch: 168.70m to 198.70m	1	30.00	1.20		36.00			
	Ch: 198.70m to 225.40m	1	26.70	1.20		32.04			
	Ch: 225.40m to 229.40m House Gap		4.00						
	Ch: 229.40m to 248.60m	1	19.20	1.20		23.04			
	Ch: 248.60m to 256.80m		8.20						
	Ch: 256.80m to 264.60m House Gap		7.80						
	Ch: 264.60m to 270.30m		5.70						
	Ch. 270.30m to 276.30m	1	6.00	1.30		7.80			
	Ch: 276.30m to 279.40m House Gap		3.10						
	Ch: 279.40m to 289.40m	1	10.00	1.20		12.00			
	LHS								
	Ch: 0.00m to 30.00m	1	30.00	1.10		33.00			
	Ch: 30.00m to 35.10m	1	5.10	1.10		5.61			
	Ch: 35.10m to 47.40m House Gap		12.30						
	Ch: 47.40m to 71.20m	1	23.80	1.30		30.94			
	Ch: 71.20m to 83.80m House Gap		12.60						
	Ch: 83.80m to 113.80m	1	30.00	1.20		36.00			
	Ch: 113.80m to 143.80m	1	30.00	1.20		36.00			
	Ch: 143.80m to 147.00m	1	3.20	1.20		3.84			
	Ch: 147.00m to 159.60m Road Gap		12.60						
	Ch: 159.60m to 189.60m	1	30.00	1.20		36.00			
	Ch: 189.60m to 219.60m	1	30.00	1.20		36.00			
	Ch: 219.60m to 249.60m	1	30.00	1.20		36.00			
	Ch: 249.60m to 279.60m	1	30.00	1.20		36.00			
	Ch: 279.60m to 282.10m	1	2.50	1.20		3.00			
	1st Main 4th Cross Rd								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00	1.20		36.00			
	Ch: 30.00m to 43.00m	1	13.00	1.20		15.60			
	3rd Cross Rd								
	RHS								
	Ch: 0.00m to 20.10m	1	20.10	1.20		24.12			

Executive Engineer
Bangalore Mahanagara Palike
Yelahanka, Division

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜ.ಬ.ಬೆ.ಮ. ಬೆಂಗಳೂರು-೦೬೪

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 20.10m to 29.50m House Gap		9.40						
	Ch: 29.50m to 59.50m	1	30.00	1.20		36.00			
	Ch: 59.50m to 75.30m	1	15.80	1.20		18.96			
	Ch: 75.30m to 94.30m House Gap		19.00						
	Ch: 94.30m to 112.80m	1	18.50	1.20		22.20			
	Ch: 112.80m to 122.00m		9.20						
	Ch: 122.00m to 131.00m	1	9.00	1.25		11.25			
	LHS								
	Ch: 0.00m to 30.00m	1	30.00	1.20		36.00			
	Ch: 30.00m to 34.50m	1	4.50	1.25		5.63			
	Ch: 34.50m to 38.60m Gap		4.10						
	Ch: 38.60m to 68.60m Gap		30.00						
	Ch: 68.60m to 93.60m	1	25.00	1.10		27.50			
	Ch: 93.60m to 99.10m Road Gap		5.50						
	Ch: 99.10m to 129.10m	1	30.00	1.20		36.00			
	Ch: 129.10m to 132.50m	1	3.40	1.20		4.08			
	4th Cross Rd								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00	1.20		36.00			
	Ch: 30.00m to 37.00m	1	7.00	1.10		7.70			
	Ch: 37.00m to 44.70m Road Gap		7.70						
	Ch: 44.70m to 67.00m		22.30	1.10		24.53			
	Ch: 67.00m to 69.70m House Gap		2.70						
	Ch: 69.70m to 99.70m	1	30.00	1.20		36.00			
	Ch: 99.70m to 100.30m	1	0.60	1.20		0.72			
	Ch: 100.30m to 110.10m House Gap		9.80						
	Ch: 110.10m to 138.50m	1	28.40	1.20		34.08			
	Ch: 138.50m to 168.50m	1	30.00	1.20		36.00			
	Ch: 168.50m to 176.20m	1	7.70	1.15		8.86			
	LHS								
	Ch: 0.00m to 6.20m	1	6.20	1.10		6.82			
	Ch: 6.20m to 21.20m House Gap		15.00						
	Ch: 21.20m to 48.20m	1	27.00	1.10		29.70			
	Ch: 48.20m to 58.20m Road Gap		10.00						

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	LHS								
	Ch: 0.00m to 30.00m	1	30.00	1.00		30.00			
	Ch: 30.00m to 60.00m	1	30.00	1.00		30.00			
	Ch: 60.00m to 68.00m	1	8.00	0.70		5.60			
	Ch: 68.00m to 77.20m	1	9.20	0.65		5.98			
	Ch: 77.20m to 95.40m	1	18.20	0.65		11.83			
	Ch: 95.40m to 106.70m	1	11.30	0.65		7.35			
	RHS								
	Ch: 0.00m to 30.00m	1	30.00	1.10		33.00			
	Ch: 30.00m to 60.00m	1	30.00	1.00		30.00			
	Ch: 60.00m to 90.00m	1	30.00	1.10		33.00			
	Ch: 90.00m to 106.00m	1	16.00	1.00		16.00			
	2nd Cross Rd								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00	1.00		30.00			
	Ch: 30.00m to 49.00m	1	19.00	1.00		19.00			
	Ch: 49.00m to 54.00m House Gap		5.00						
	Ch: 54.00m to 58.30m	1	4.30	1.00		4.30			
	Ch: 58.30m to 88.30m	1	30.00	1.00		30.00			
	Ch: 88.30m to 108.60m	1	20.30	1.00		20.30			
	Main Rd								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00	1.40		42.00			
	Ch: 30.00m to 60.00m	1	30.00	1.40		42.00			
	Ch: 60.00m to 90.00m	1	30.00	1.40		42.00			
	Ch: 90.00m to 100.00m	1	10.00	1.35		13.50			
	Deduction of Trees	-91	0.60	0.60		-32.76			
	For Shoulder Drain	-30	1.40	0.60		-25.20			
		-30	1.00	0.60		-18.00			
		-10	0.60	0.60		-3.60			
					Present Qty	**2576.82**	**Sqm**		
					Qty upto 125%	**1360.00**	**Sqm**	**1127.34**	**1533182.40**
					Qty Above 125%	**1216.82**	**Sqm**	**1127.34**	**1371769.86**

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ಬ.ಮ.ನ.ಪ. ಬೆಂಗಳೂರು-106

Contractor

Consultant

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಮ.ನ.ಪ. ಬೆಂಗಳೂರು-106

Assistant Exec. Engineer

Name of Work: Restoration and Improvements of Balance Roads Ananthapura village, Prakruthi layout, Nisarga layout and surrounding areas in ward no-03 of Yelahanka New town Sub division

Detailed Measurements

Date of Measurements 25-03-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
23	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision using40/60 TPH capacity H M P with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen								
	Asphalt Road								
	Prakruthi Layout								
	1st Cross Rd								
	Ch: 0.00m to 3.80m	1	3.80	(8.80 + 8.80)/2	0.04	1.34			
	Ch: 3.80m to 5.00m Culvert Gap		1.20						
	Ch: 5.00m to 35.00m	1	30.00	(8.00 + 6.70)/2	0.04	8.82			
	Ch: 35.00m to 56.20m	1	21.20	(6.70 + 6.70)/2	0.04	5.68			
	Cross Rd-1								
	Ch: 0.00m to 19.00m	1	19.00	(5.90 + 6.00)/2	0.04	4.52			
	Cross Rd-2								
	Ch: 0.00m to 23.00m	1	23.00	(6.60 + 6.80)/2	0.04	6.16			
	Ch: 23.00m to 24.20m Culvert Gap		1.20						
	Ch: 24.20m to 54.20m	1	30.00	(6.60 + 6.80)/2	0.04	8.04			
	Ch: 54.20m to 84.20m	1	30.00	(6.80 + 6.40)/2	0.04	7.92			
	Ch: 84.20m to 114.20m	1	30.00	(6.40 + 6.90)/2	0.04	7.98			
	Ch: 114.20m to 144.00m	1	29.80	(6.90 + 6.10)/2	0.04	7.75			
	Cross Rd-3								
	Ch: 0.00m to 10.30m	1	10.30	(6.80 + 6.80)/2	0.04	2.80			
	Ch: 10.30m to 13.30m	1	3.00	(2.70 + 2.70)/2	0.04	0.32			
	Cross Rd-4								
	Ch: 0.00m to 16.00m	1	16.00	(6.60 + 6.60)/2	0.04	4.22			
	2nd Cross Rd								
	Ch: 0.00m to 30.00m	1	30.00	(6.60 + 6.70)/2	0.04	7.98			

Contractor

Consultant

Assistant Engineer

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 30.00m to 52.20m	1	22.20	(6.70 + 7.00)/2	0.04	6.08			
	Cross Rd-12 From End								
	Ch: 75.70m to 105.70m	1	30.00	(7.10 + 7.40)/2	0.04	8.70			
	Ch: 105.70m to 135.70m	1	30.00	(7.40 + 7.20)/2	0.04	8.76			
	Ch: 135.70m to 165.70m	1	30.00	(7.20 + 7.30)/2	0.04	8.70			
	Ch: 165.70m to 180.30m	1	14.60	(7.30 + 7.10)/2	0.04	4.20			
	Cross Rd-14								
	Ch: 0.00m to 30.00m	1	30.00	(5.10 + 5.10)/0	0.04	6.12			
	Ch: 30.00m to 36.30m	1	6.30	(5.10 + 5.00)/2	0.04	1.27			
	Nisarga Layout								
	10th F Main Rd								
	Ch: 0.00m to 30.00m	1	30.00	(7.10 + 7.40)/2	0.04	8.70			
	Ch: 30.00m to 60.00m	1	30.00	(7.40 + 7.50)/2	0.04	8.94			
	Ch: 60.00m to 90.00m	1	30.00	(7.50 + 7.00)/2	0.04	8.70			
	Ch: 90.00m to 120.00m	1	30.00	(7.00 + 6.90)/2	0.04	8.34			
	Ch: 120.00m to 150.00m	1	30.00	(6.90 + 6.60)/2	0.04	8.10			
	Ch: 150.00m to 180.00m	1	30.00	(6.60 + 6.40)/2	0.04	7.80			
	Ch: 180.00m to 210.00m	1	30.00	(6.40 + 6.50)/2	0.04	7.74			
	Ch: 210.00m to 240.00m	1	30.00	(6.50 + 6.50)/2	0.04	7.80			
	Ch: 240.00m to 251.40m	1	11.40	(6.50 + 6.60)/2	0.04	2.99			
	10th D Main Rd								
	Ch: 0.00m to 30.00m	1	30.00	(5.50 + 5.50)/2	0.04	6.60			
	Ch: 30.00m to 39.00m	1	9.00	(5.50 + 5.40)/2	0.04	1.96			
	10th C Main Rd								
	Ch: 0.00m to 30.00m	1	30.00	(5.70 + 5.60)/2	0.04	6.78			
	Ch: 30.00m to 39.30m	1	9.30	(5.60 + 5.60)/2	0.04	2.08			
	10th B Main Rd								
	Ch: 0.00m to 30.00m	1	30.00	(5.80 + 5.70)/2	0.04	6.90			

24/04/2024

24/04/2024

Contractor

Consultant

Assistant Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 30.00m to 37.00m	1	7.00	5.70 + 5.60 / 2	0.04	1.58			
	10th A Main Rd								
	Ch: 0.00m to 30.00m	1	30.00	5.70 + 5.70 / 2	0.04	6.84			
	Ch: 30.00m to 36.30m	1	6.30	5.70 + 5.70 / 2	0.04	1.44			
	Rangondanahalli								
	Main Rd to Indian Veterinary Institute								
	Ch: 0.00m to 30.00m	1	30.00	8.30 + 10.90 / 2	0.04	11.52			
	Ch: 30.00m to 60.00m	1	30.00	10.90 + 8.10 / 2	0.04	11.40			
	Ch: 60.00m to 90.00m	1	30.00	8.10 + 9.50 / 2	0.04	10.56			
	Ch: 90.00m to 120.00m	1	30.00	9.50 + 9.20 / 2	0.04	11.22			
	Ch: 120.00m to 150.00m	1	30.00	9.20 + 8.20 / 2	0.04	10.44			
	Ch: 150.00m to 180.00m	1	30.00	8.20 + 7.80 / 2	0.04	9.60			
	Ch: 180.00m to 210.00m	1	30.00	7.80 + 9.10 / 2	0.04	10.14			
	Ch: 210.00m to 240.00m	1	30.00	9.10 + 8.90 / 2	0.04	10.80			
	Ch: 240.00m to 270.00m	1	30.00	8.90 + 9.00 / 2	0.04	10.74			
	Ch: 270.00m to 298.60m	1	28.60	9.00 + 9.60 / 2	0.04	10.64			
	Ch: 298.60m to 328.60m	1	30.00	12.00 + 11.10 / 2	0.04	13.86			
	Ch: 328.60m to 358.60m	1	30.00	11.10 + 10.00 / 2	0.04	12.66			
	Ch: 358.60m to 388.60m	1	30.00	10.00 + 9.00 / 2	0.04	11.40			
	Ch: 388.60m to 418.60m	1	30.00	9.00 + 9.35 / 2	0.04	11.01			
	Ch: 418.60m to 448.60m	1	30.00	9.35 + 7.70 / 2	0.04	10.23			
	Ch: 448.60m to 478.60m	1	30.00	7.70 + 7.70 / 2	0.04	9.24			
	Ch: 478.60m to 508.60m	1	30.00	7.70 + 9.80 / 2	0.04	10.50			
	Ch: 508.60m to 538.60m	1	30.00	12.00 + 8.00 / 2	0.04	12.00			
	Ch: 538.60m to 568.60m	1	30.00	8.00 + 8.30 / 2	0.04	9.78			
	Ch: 568.60m to 587.60m	1	19.00	8.30 + 11.80 / 2	0.04	7.64			

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka Division

Contractor

Consultant

Assistant Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Infront Of Factory Gate								
	Ch: 0.00m to 11.30m	1	11.30	(17.70 + 7.60)/2	0.04	5.72			
	From Ramgondanahalli Circle to Nagarjuna College								
	Ch: 0.00m to 30.00m	1	30.00	(8.10 + 7.70)/2	0.04	9.48			
	Ch: 30.00m to 60.00m	1	30.00	(7.70 + 7.00)/2	0.04	8.82			
	Ch: 60.00m to 71.00m	1	11.00	(7.00 + 11.60)/2	0.04	4.09			
	Ch: 71.00m to 101.00m	1	30.00	(11.60 + 9.80)/2	0.04	12.84			
	Ch: 101.00m to 131.00m	1	30.00	(9.80 + 9.80)/2	0.04	11.76			
	Ch: 131.00m to 161.00m	1	30.00	(9.80 + 9.30)/2	0.04	11.46			
	Ch: 161.00m to 191.00m	1	30.00	(9.30 + 9.00)/2	0.04	10.98			
	Ch: 191.00m to 201.80m	1	10.80	(9.00 + 8.60)/2	0.04	3.80			
	Ch: 201.80m to 231.80m	1	30.00	(11.30 + 10.70)/2	0.04	13.20			
	Ch: 231.80m to 261.80m	1	30.00	(10.70 + 11.00)/2	0.04	13.02			
	Ch: 261.80m to 287.80m	1	26.00	(11.00 + 12.50)/2	0.04	12.22			
	Ch: 287.80m to 317.80m	1	30.00	(9.80 + 11.00)/2	0.04	12.48			
	Ch: 317.80m to 347.80m	1	30.00	(15.00 + 15.00)/2	0.04	18.00			
	Ch: 347.80m to 353.40m	1	5.60	(15.00 + 14.00)/2	0.04	3.25			
	Ch: 353.40m to 383.40m	1	30.00	(17.00 + 19.60)/2	0.04	21.96			
	Ch: 383.40m to 413.40m	1	30.00	(19.60 + 19.50)/2	0.04	23.46			
	Ch: 413.40m to 422.40m	1	9.00	(19.50 + 19.30)/2	0.04	6.98			
	Ch: 422.40m to 452.40m	1	30.00	(13.80 + 13.80)/2	0.04	16.56			
	Ch: 452.40m to 482.40m	1	30.00	(13.80 + 14.00)/2	0.04	16.68			
	Ch: 482.40m to 497.90m	1	15.50	(14.00 + 12.50)/2	0.04	8.22			
	Deduct for Manholes	-35	1.20	1.20	0.04	-2.02			
					Present Qty	679.01	Cum	8534.82	5795253.73
							Total		69361444.26
							GST 12%		8323373.31
							Grand Total		77684817.57

Contractor

NINETECH INFRA SOLUTIONS PVT. LTD. BANGALORE

Consultant

Assistant Engineer

Assistant Exec. Engineer